

Receipt date: 06/11/2009



10586041 - GAU: 1792

Sheet 1 of 3

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket Number 207,623		Application Number 10/586,041	
LIST OF INFORMATION CITED BY APPLICANT (Use several sheets if necessary)				Applicant J. A. JANSEN		Examiner MONTANO, M.A.	
				Filing Date July 13, 2006		Group 3738	
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class.	Subclass	Filing Date If Appropriate	
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation Yes No	
	WO 94/22513	October 13, 1994	PCT			X	
	JP 3165981	July 12, 1994	Japan			X	
OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)							
	HENCH; Bioceramics; <i>J.Am. Ceram.Soc.</i> , 81 (7) (1998) 1705-28.						
	WOLKE et al. <i>In vivo</i> dissolution behavior of various RF magnetron sputtered Ca-P coatings; <i>J Biomed Mater Res</i> , 39 (1998) 524-530.						
	WOLKE et al. Dissolution and adhesion behaviour of radiofrequency magnetron-sputtered Ca-P coatings; <i>J. of Mater Sci.</i> 33 (1998) 3371-3376.						
	CHEN et al. Crystallization of ion beam deposited calcium phosphate coatings; <i>J Mater. Res.</i> 9 :5 (1994) 1284-90.						
	YOSHINARI et al. Influence of rapid heating with infrared radiation on RF magnetron-sputtered calcium phosphate coatings; <i>J Biomed Mater Res</i> , 37 (1997) 60-67.						
	CHEN et al. Microstructure and crystallinity in hydroxyapatite coatings; <i>Biomaterials</i> 15 :5 (1994) 396-399.						
	GROSS et al. Thermal analysis of amorphous phases in hydroxyapatite coatings; <i>J Am Ceram Soc</i> , 81 :1 (1998) 106-112.						
	LAYROLLE et al. Sol-Gel synthesis of amorphous calcium phosphate and sintering into microporous hydroxyapatite bioceramics; <i>J Am Ceram Soc</i> , 81 :6 (1998) 1421-28.						
	FENG et al. Thermally induced crystallization of amorphous calcium phosphate in plasma-spheroidised hydroxyapatite powders; <i>Materials Letts.</i> 46 (2000) 229-233.						
	LOPATIN et al. Crystallization kinetics of sol-gel derived hydroxyapatite thin films; <i>J Mats Sci:Mats in Med</i> 12 (2001) 767-773.						
	RAYNAUD et al. Calcium phosphate apatites with variable Ca/P atomic ratio I. synthesis, characterization and thermal stability of powders; <i>Biomaterials</i> 23 (2002) 1065-1072.						

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.B./

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket Number 207,623	Application Number 10/586,041
LIST OF INFORMATION CITED BY APPLICANT (Use several sheets if necessary)		Applicant J. A. JANSEN	Examiner MONTANO, M.A.
		Filing Date July 13, 2006	Group 3738
OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)			
	HONTSU et al. Pulsed laser deposition of bioceramic hydroxyapatite thin films on polymer materials; <i>Jpn. J Appl Phys.</i> 35 (1996) 1208-1210.		
	HONTSU et al. Formation of hydroxyapatite thin film on surface-modified polytetrafluoroethylene substrates; <i>Jpn. J Appl Phys</i> 37 (1998) 1169-1171.		
	Smith et al. Excimer laser crystallization and doping of silicon films on plastic substrates; <i>Appl. Phys. Lett.</i> 70:3 (1997) 342-44.		
	MARIUCCI et al. Advanced excimer laser crystallization techniques; <i>Thin Solid Films</i> 383 (2001) 39-44.		
	HOSONO et al. Excimer laser crystallization of amorphous indium-tin oxide thin films and application to fabrication of Bragg gratings; <i>Thin Solid Films</i> 351 (1999) 137-140.		
	ASAKUMA et al. Ultraviolet-laser-induced crystallization of sol-gel derived inorganic oxide films; <i>J Sol-Gel Sci and Tech</i> 19 (2000) 333-336.		
	WOLKE et al. Studies on the thermal spraying of apatite bioceramics; <i>J Therm Spray Tech</i> 1:1 (1992) 75-82.		
	TANAHASHI et al. Apatite coating on organic polymers by a biomimetic process; <i>J Am Ceram Soc</i> 77:11 (1994) 2805-808.		
	HABIBOVIC et al. Biomimetic hydroxyapatite coating on metal implants; <i>J Am Ceram Soc</i> 85:3 (2002) 517-22.		
	COTELL et al. Pulsed laser deposition of hydroxylapatite thin films on Ti-6Al-4V; <i>J of Appl Biomats</i> 3 (1992) 87-93.		
	SINGH et al. Excimer laser deposition of hydroxyapatite thin films; <i>Biomaterials</i> 15:7 (1994) 522-528.		
	LI et al. Characterization of hydroxyapatite film with mixed interface by Ar ⁺ ion beam enhanced deposition; <i>Biomaterials</i> 18:22 (1997) 1487-1497.		
	CUI et al. Highly adhesive hydroxyapatite coatings on titanium alloy formed by ion beam assisted deposition; <i>J of Mats Sci:Mats in Med</i> 8 (1997) 403-405.		
	Van DIJK et al. Study of the influence of oxygen on the composition of thin films obtained by r.f. sputtering from a Ca ₅ (PO ₄) ₃ OH target; <i>Thin Solid Films</i> 304 (1997) 191-195.		
	Van DIJK et al. Influence of Ar pressure on r.f. magnetron-sputtered Ca ₅ (PO ₄) ₃ OH layers; <i>Surface and Coatings Tech</i> 76-77 (1995) 206-210.		
Examiner	Date Considered		
	*Examiner: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket Number 207,623	Application Number 10/586,041
LIST OF INFORMATION CITED BY APPLICANT (Use several sheets if necessary)		Applicant J. A. JANSEN	Examiner MONTANO, M.A.
		Filing Date July 13, 2006	Group 3738
OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)			
	Van DIJK et al. Influence of discharge power level on the properties of hydroxyapatite films deposited on Ti6A14V with RF magnetron sputtering; <i>J of Biomed Mater Res</i> , 29 (1995) 269-276.		
	Van DIJK et al. Measurement and control of interface strength of RF magnetron-sputtered Ca-PO coatings on Ti-6A1-4V substrates using a laser spallation technique; <i>J Biomed Mater Res</i> , 41 (1998) 624-632.		
	Antonov et al. Laser modification of biocompatible calcium phosphate coatings; <i>Lasers n the Life Sciences</i> , 9 (2000) 127-142.		
Examiner	/Andrew Bowman/	Date Considered	07/23/2009
*Examiner: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			